



**CERTIFICATE OF MAILING (37 CFR 1.8(a))**

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: July 21, 2004

Susan L. Baka

**PATENT**

**UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: YONGSAM MOON, ET AL.

APPLICATION No.: 10/722,842

FILED: NOVEMBER 25, 2003

FOR: WIDE RANGE MULTI-PHASE DELAY-LOCKED LOOP

EXAMINER: DAVID C. MIS

ART UNIT: 2817

CONF. No: 8194

**Transmittal of Issue Fee With Advance Order**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450

Sir:

In response to the Notice of Allowance dated May 14, 2004, Applicant herein submits the following:

- ☒ Form PTOL-85B
- ☒ Fees: 1) Issue Fee (37 C.F.R. § 1.18(a)):
  - ☐ Small Entity: \$665.00
  - ☒ Large Entity: \$1330.00
- 2) Fee \$24.00 for 8 advance copies of the printed patent (37 C.F.R. § 1.19(a)(1)(i)), and;
- 3) Publication fee \$300.00
- ☒ Enclosed is a check in the sum of \$1654.00 to cover the fees.
- ☒ Statement of Related Applications.
- ☒ Information Disclosure Statement; PTO Form-1449; 3 Cited References.
- ☒ Check for \$180.00 for Information Disclosure.
- ☒ Self-Addressed Stamped Postcard.

The Commissioner is authorized to charge any additional fees necessary for consideration of this paper to Deposit Account No. 50-2207.

Date: July 21, 2004

Respectfully submitted,  
Perkins Coie LLP

Jonathan P. Kudla  
Registration No. 47,724

**Correspondence Address:**  
Customer No. 22918

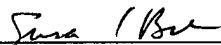


**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Moon )  
Applicant's Ref: 59472-8086.US04 ) Examiner: David C. Mis  
Serial No.: 10/722,842 ) Group Art Unit: 2817  
Filed: November 25, 2003 ) Confirmation No.: 8194  
Title: WIDE RANGE MULTI-PHASE ) Date: July 21, 2004  
DELAY-LOCKED LOOP )  
\_\_\_\_\_ )

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to:  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on  
July 21, 2004.

Signed:   
Susan L. Baka

**STATEMENT OF RELATED APPLICATIONS**

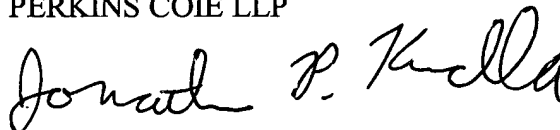
**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

Dear Sir:

Applicant notes for the record that the present patent application is related to U.S. Patent Application No. 10/613,442, entitled "Voltage Controlled Oscillator", filed on July 3, 2003 (Attny Docket No. 59472-8086.US02).

If the Examiner believes that a conference would be of value in expediting the prosecution of this application, he is cordially invited to telephone the undersigned counsel at the number set out below.

Respectfully submitted,  
PERKINS COIE LLP



Jonathan P. Kudla  
Reg. No. 47,724

Customer No. 22918  
Perkins Coie LLP  
P.O. Box 2168  
Menlo Park, CA 94026  
Telephone: (650) 838-4300

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

Date: 7-21-2004

By: Shirley V. Sch



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: YONGSAM MOON, ET AL.

APPLICATION NO.: 10/722,842

FILED: NOVEMBER 25, 2003

FOR: **WIDE RANGE MULTI-PHASE DELAY-LOCKED LOOP**

EXAMINER: DAVID C. MIS

ART UNIT: 2817

CONF. No: 8194

**Transmittal of Formal Drawings**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In reponse to the Notice of Allowance and Issue Fee(s) Due, as mailed on May 14, 2004, from the U.S. Patent and Trademark Office, enclosed are 12 sheets of formal drawings of Figures 1A through 8.

No fees are believed due in connection with this response. However, if fees are due, the Commissioner is requested to charge them to Deposit Account No. 50-2207.

Respectfully submitted,  
Perkins Coie LLP

Date: July 21, 2004

Jonathan P. Kudla  
Jonathan P. Kudla  
Registration No. 47,724

**Correspondence Address:**

Customer No. 25096  
Perkins Coie LLP  
P.O. Box 1247  
Seattle, Washington 98111-1247  
(206) 359-8000